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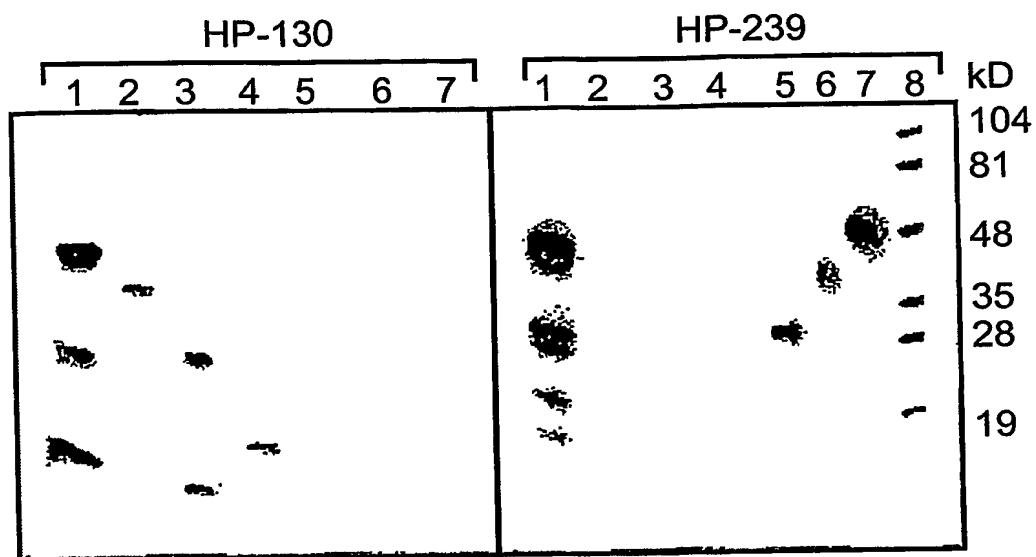


Fig. 1

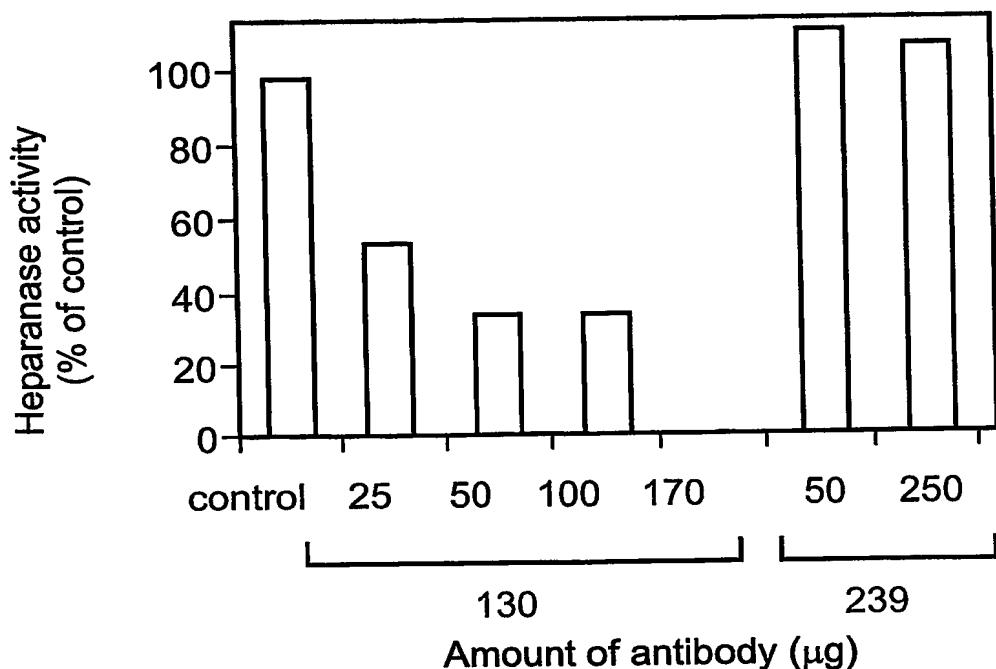


Fig. 2

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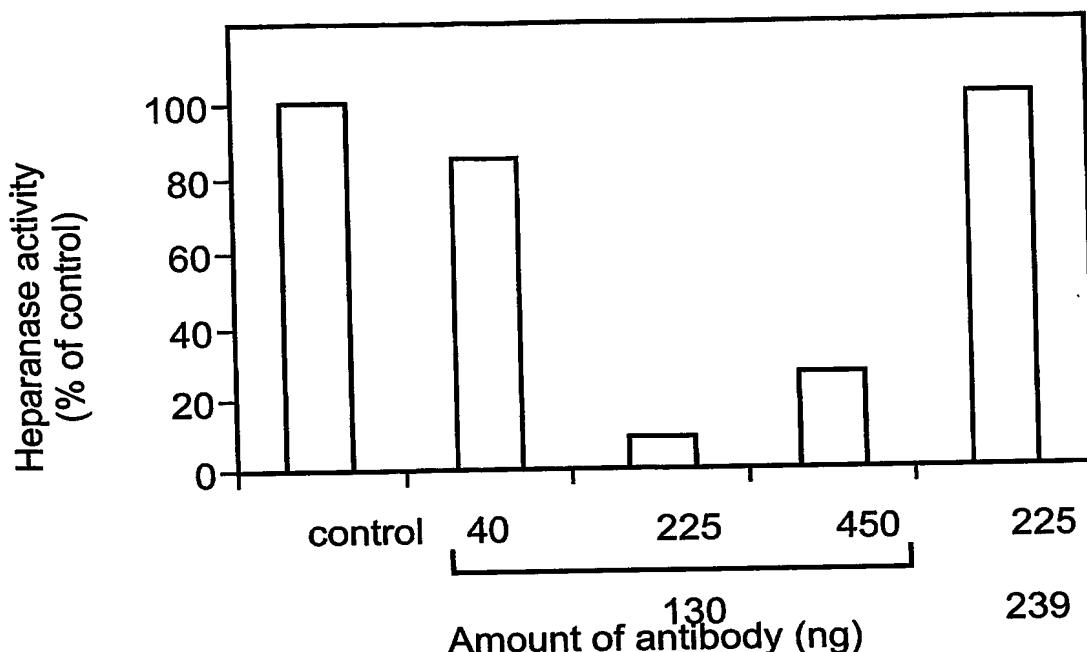


Fig. 3

## Western blot analysis

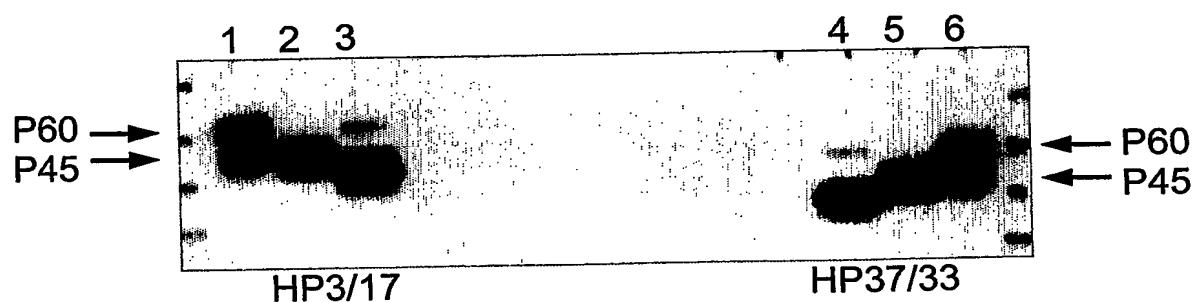


Fig. 4

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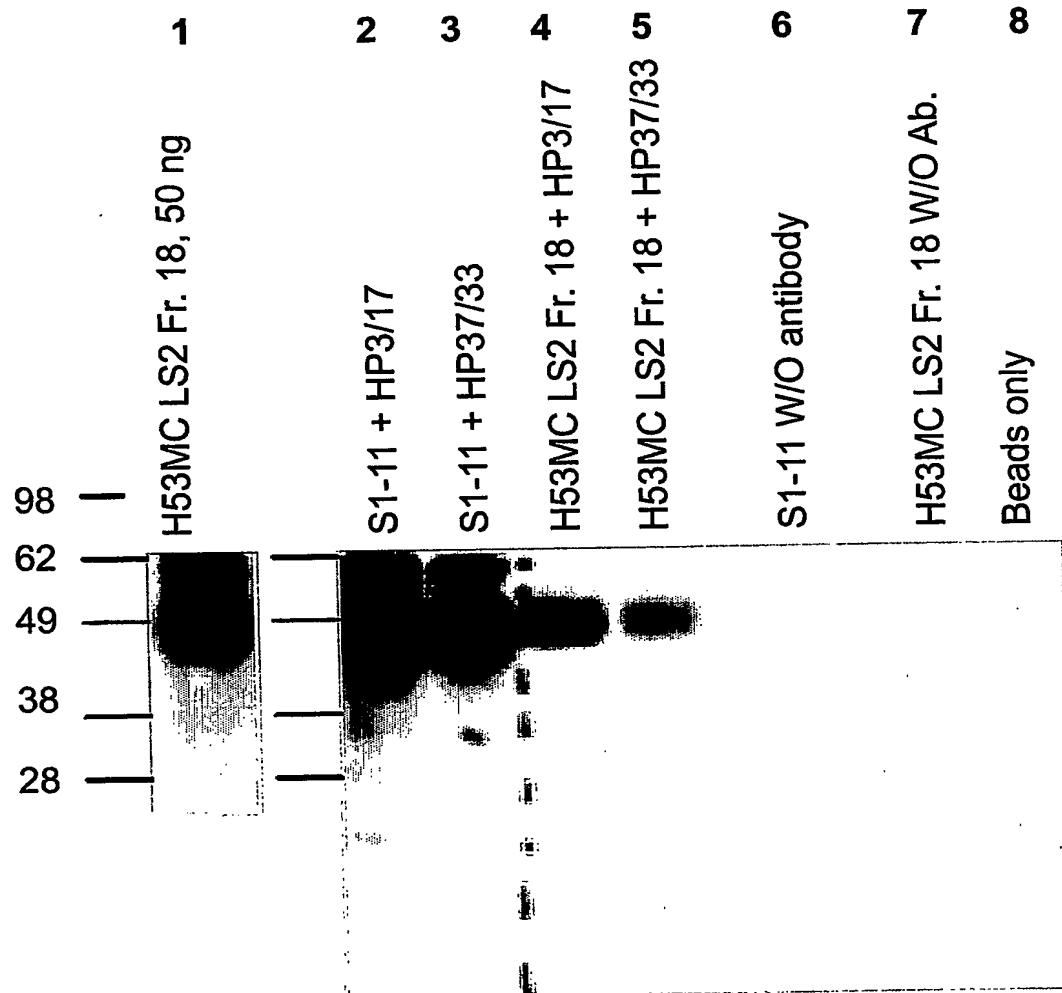


Fig. 5

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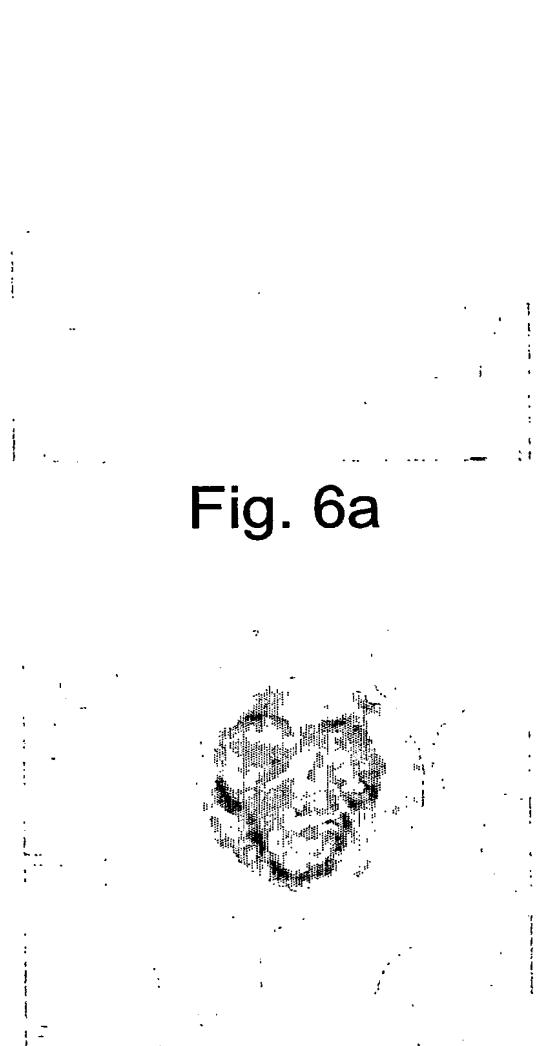


Fig. 6a

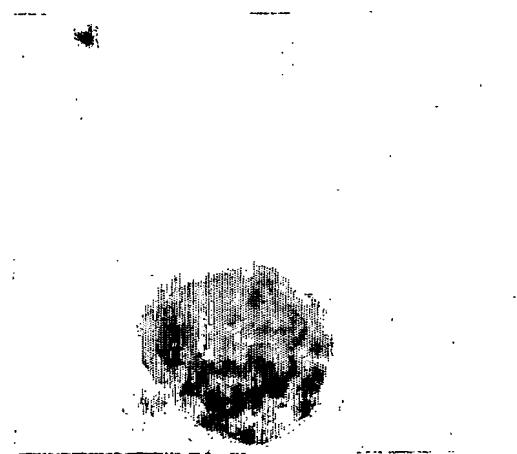


Fig. 6b

x 1000

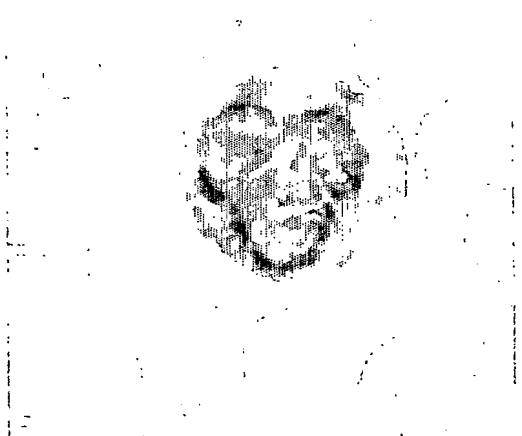


Fig. 6c

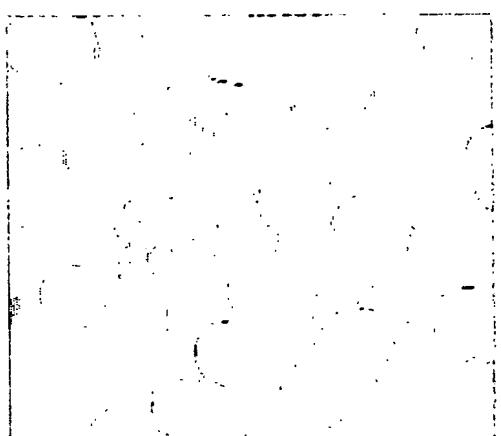


Fig. 6d

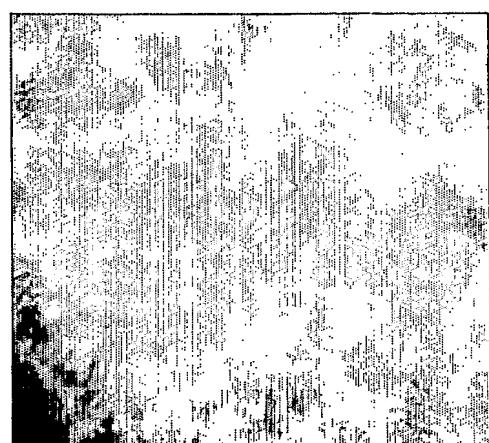


Fig. 7a

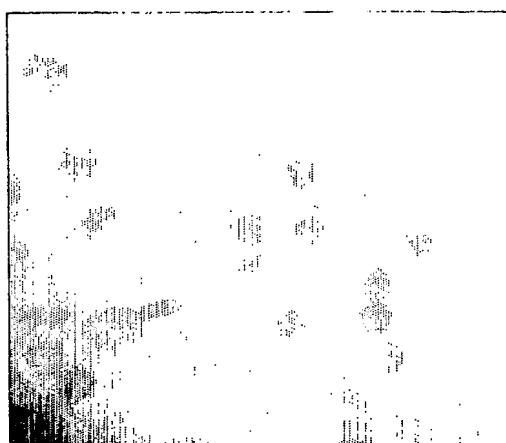


Fig. 7b

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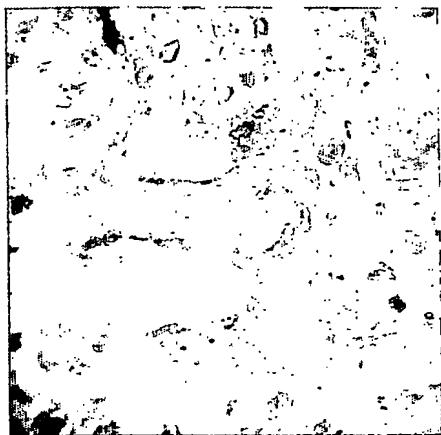


Fig. 8a

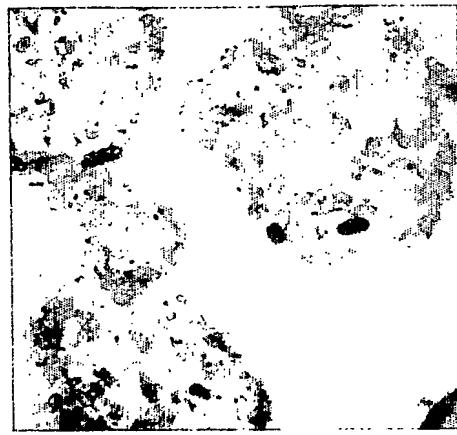


Fig. 8b



x 100



x 400

Fig. 9a

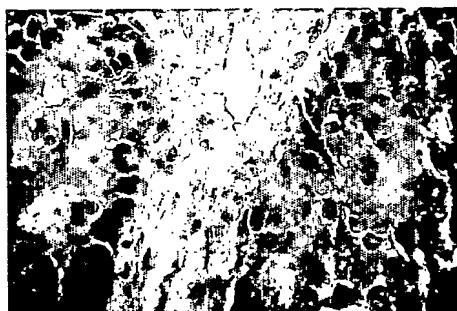
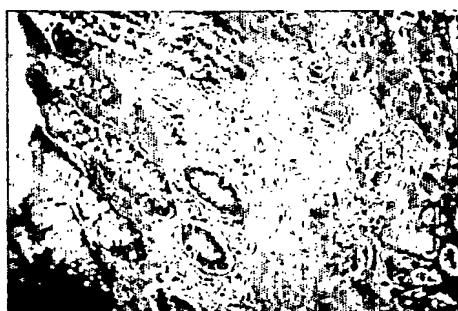


Fig. 9b

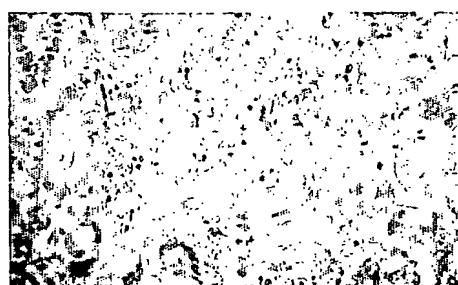


Fig. 9c

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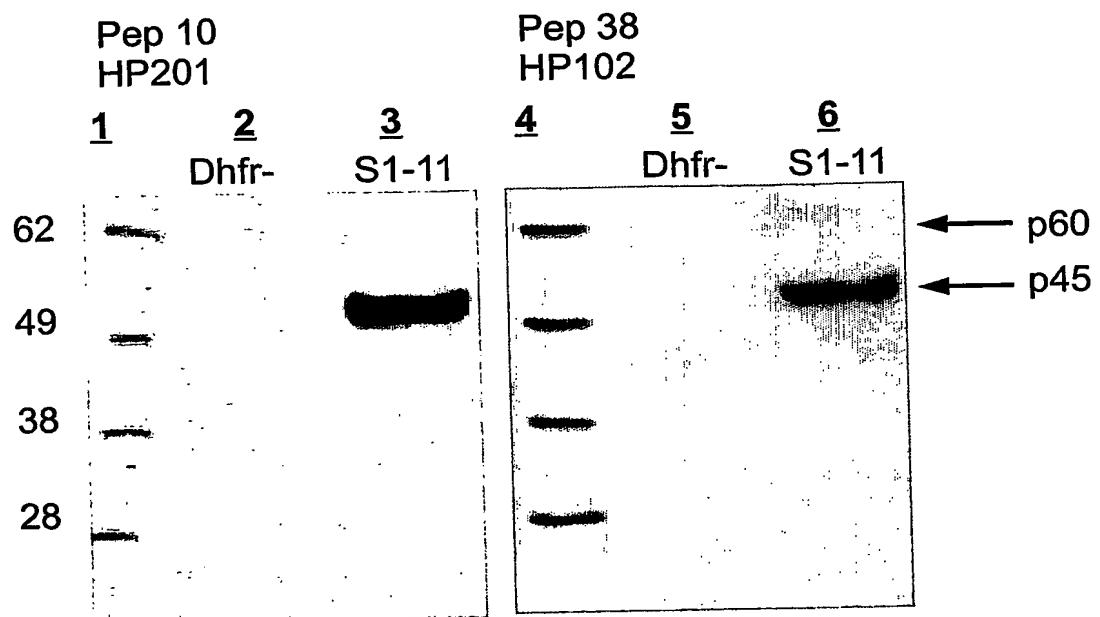


Fig. 10

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Results

Group		Day 8	Day 12	Day 15	Day 18
A PBS	Mean	7.8	90.2	375.4	613.6
	SD	12.3	97.7	476.2	859.2
B HP130	Mean	0.0	34.2	188.4	298.2
	SD	0.0	42.8	165.6	111.7
C HP37/33	Mean	0.0	25.3	157.5	229.3
	SD	0.0	29.6	131.2	151.3

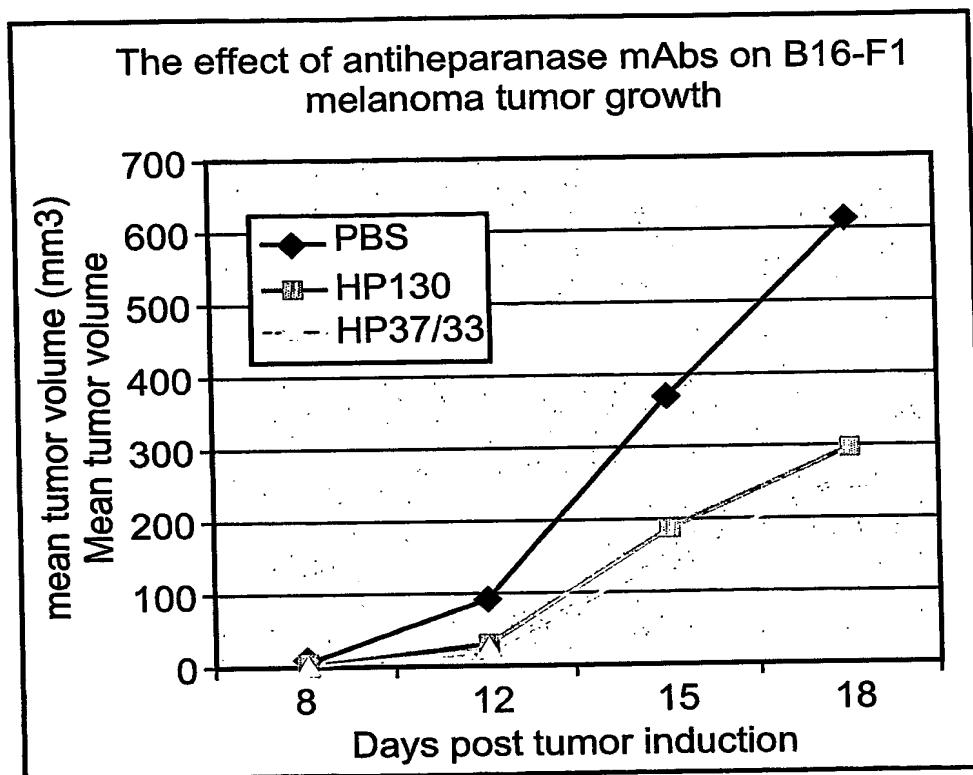


Fig. 11

Group	MEAN ARTHRITIC SCORE (4 legs)		
	Day 7	Day 11	Day 14
A-PBS	4.8	2.4	2.1
B-Mouse a human IgG3	4.9	3.4	2.5
C-HP3/17	4.2	2.1	1.5

Fig. 12

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The effect of HP3/17 on NOD mice survival

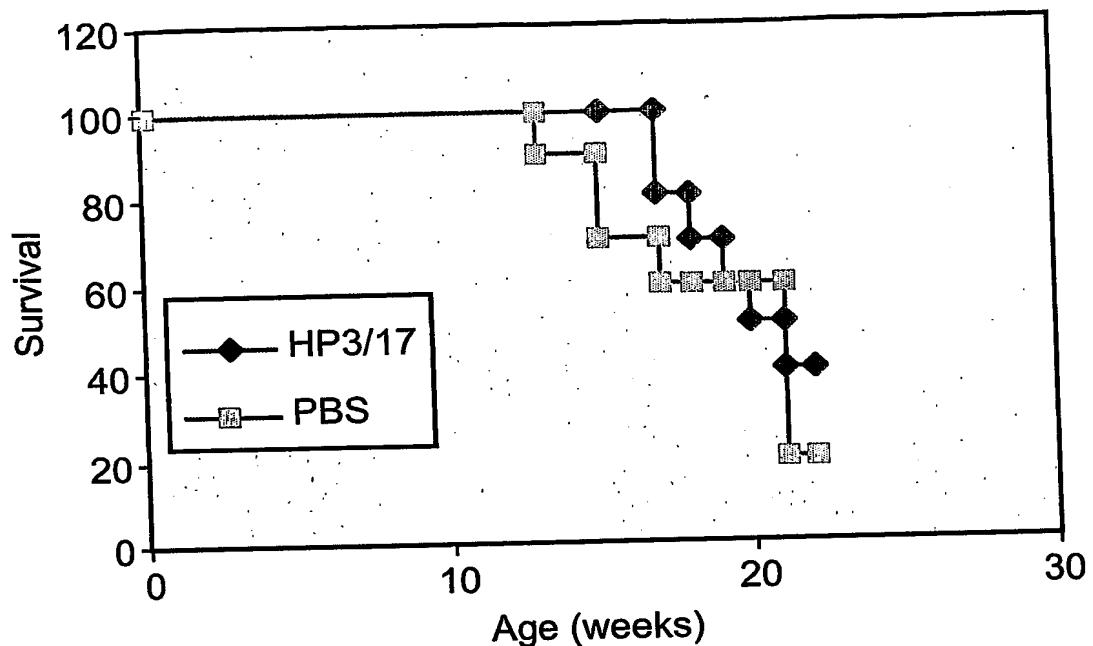


Fig. 13

HP37/33

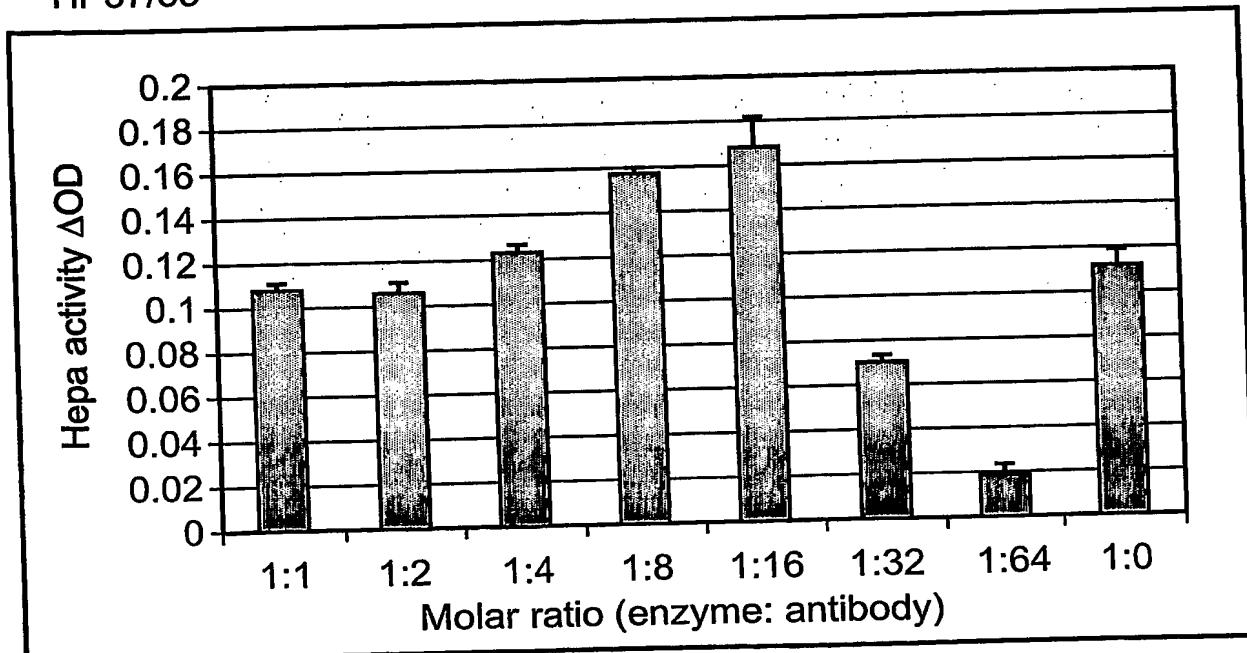


Fig. 14a

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HP3/17

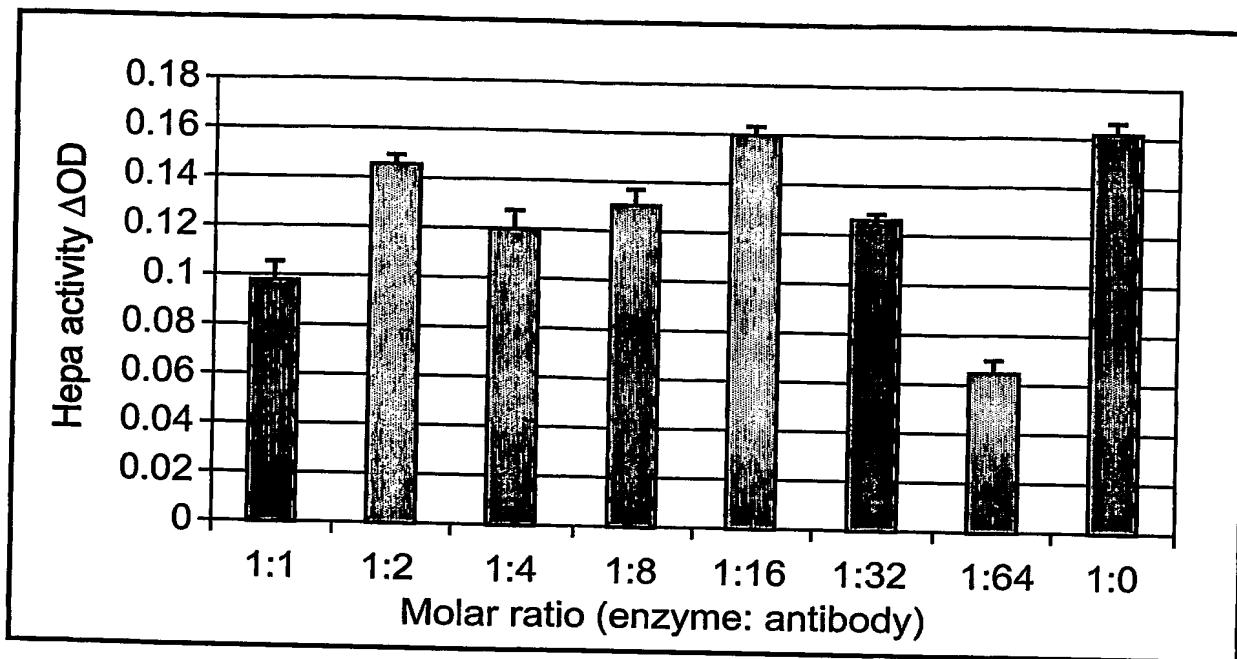
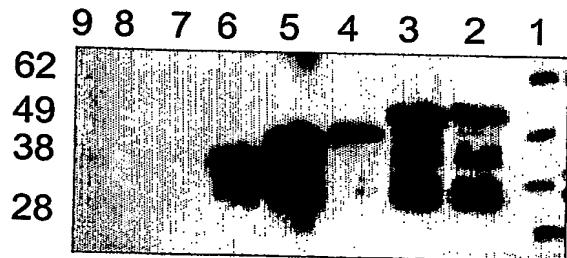
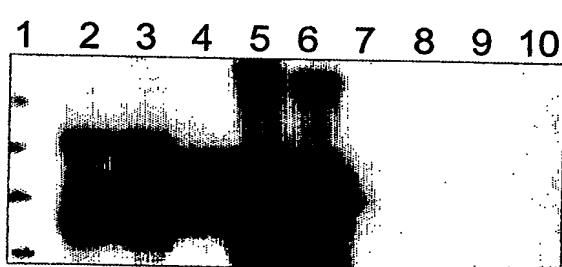


Fig. 14b

Epitope mapping

HP135.108

Fig. 15a



HP37/33

Fig. 15b

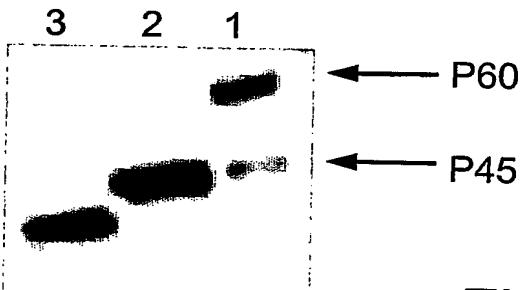
Western blot analysis

Fig. 16

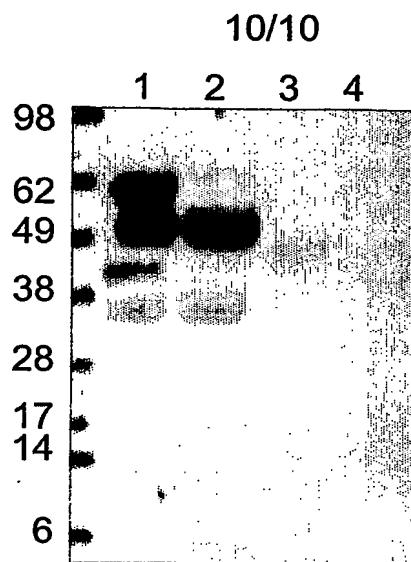


Fig. 17a

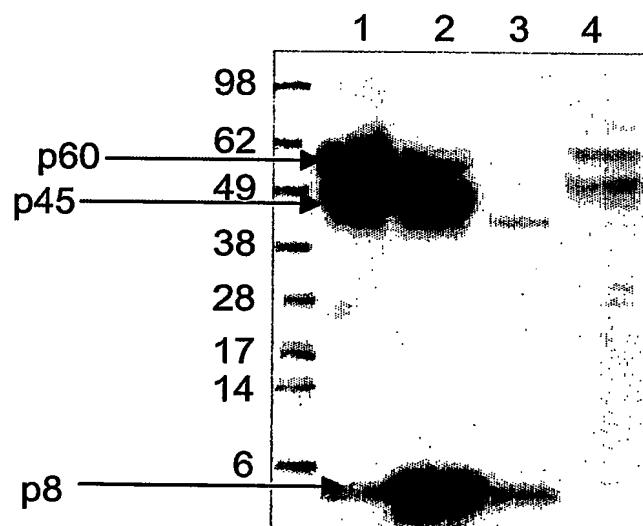


Fig. 17b

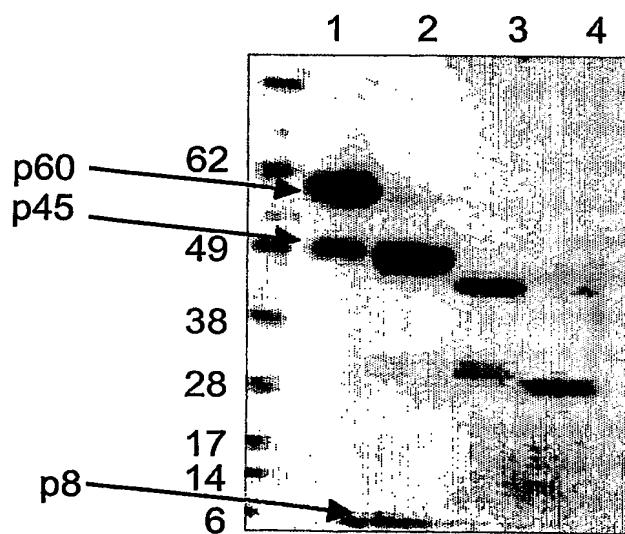


Fig. 17c

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